

FIG. 1

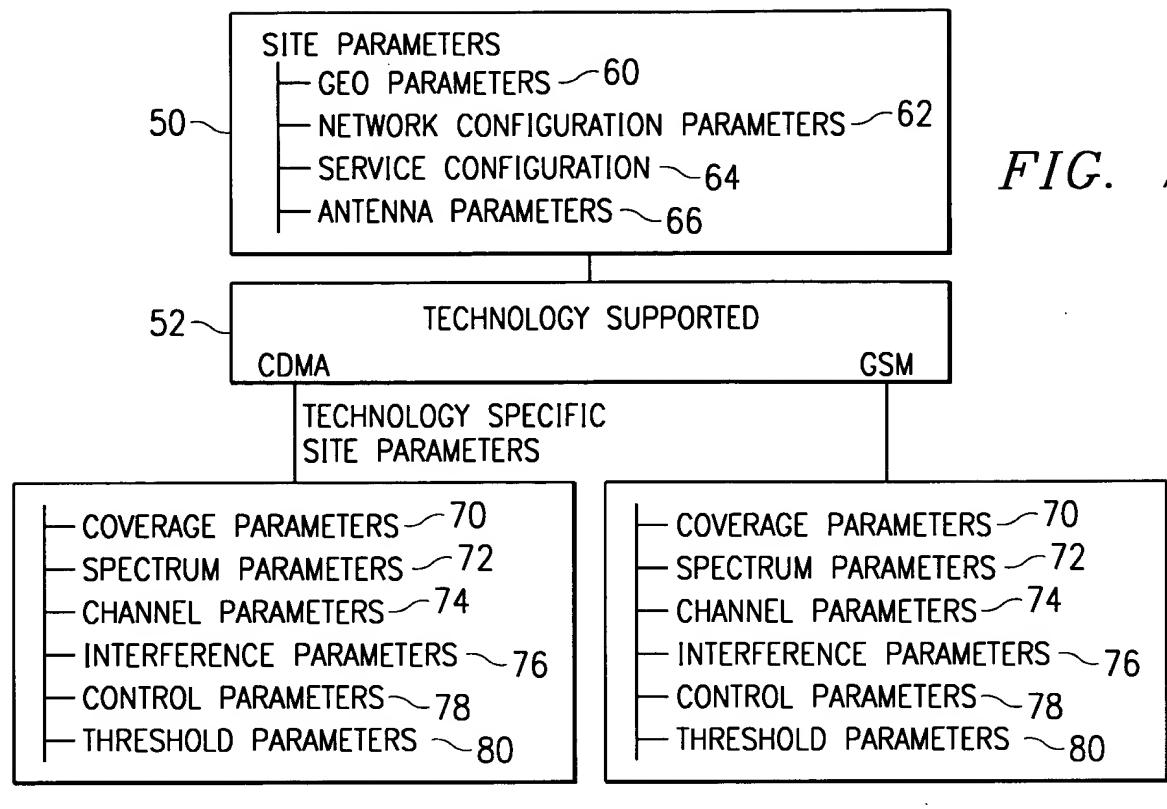


FIG. 2

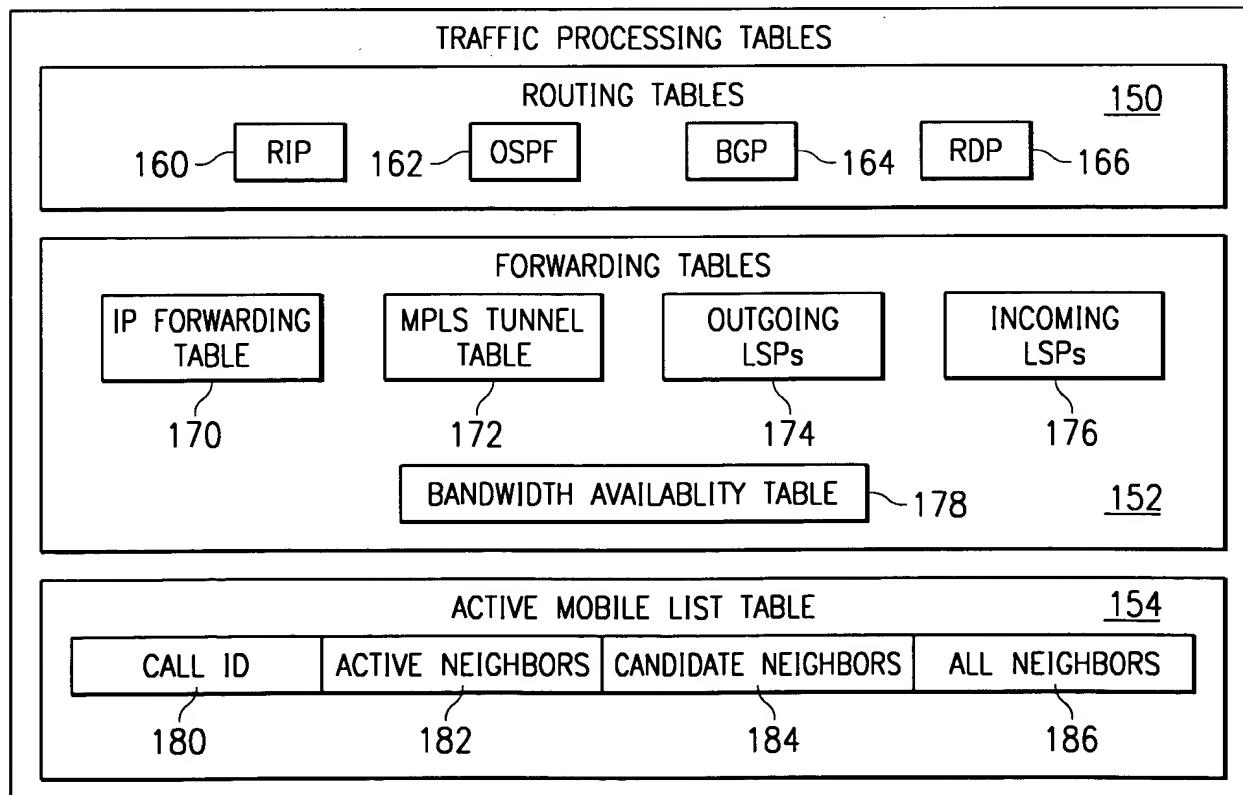


FIG. 5

140

FIG. 3

50

GEO PARAMETERS	NETWORK CONFIGURATION PARAMETERS	SERVICE CONFIGURATION	ANTENNA PARAMETER PER SECTOR/BEAM
SITE ID	INTERFACE TO NETWORK eg: TI, SONET, T3 FRACTIONAL TI ETC	DA ADDRESS	ANTENNA TYPE
NO. OF SECTOR/BEAMS	SITE CAPACITY	LIST OF SERVICES SUPPORTED	DIGITIZED ANTENNA PATTERN
SECTOR/BEAM ID	NETWORK CAPACITY		ANTENNA BEAM WIDTH
LATITUDE AND LONGITUDE			<ul style="list-style-type: none"> <li>— HORIZONTAL</li> <li>— VERTICAL</li> </ul>
SECTOR/BEAM ORIENTATION			ANTENNA MAX GAIN
MAXIMUM RADIUS OF INFLUENCE			ANTENNA DOWNTILT
			<ul style="list-style-type: none"> <li>— MECHANICAL</li> <li>— ELECTRICAL</li> </ul>

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THRESHOLD PARAMETERS	COVERAGE PARAMETERS	SPECTRUM PARAMETERS	CHANNEL PARAMETERS	INTERFERENCES PARAMETERS	CONTROL PARAMETERS	TRAFFIC ENGINEERING PARAMETERS
% CALL BLOCKS	ENVIRONMENT	CHANNEL BW	NUMBER OF CHANNELS AND THEIR RANGE	INTERFERENCE THRESHOLD	ACCESS PARAMETERS	CLASS OF SERVICE
% FAILURE	PATH LOSS MARGIN	CHANNEL MASK	AIR CAPACITY	POWER CONTROL THRESHOLDS	INTRA-TECHNOLOGY HANDOFF PARAMETERS	CONGESTION CONTROL ALGORITHM/ PARAMETERS
% DROPS	TYPE AND PERCENTAGE TRAFFIC	CHANNEL NUMBER RANGE	MIN CHANNEL SPACING	CHANNELIZATION AND SEQUENCING	INTER-TECHNOLOGY HANDOFF PARAMETERS	QUEUING ALGORITHM/ PARAMETERS
% MAX DELAY	LOSSES: CABLE HARDWARE	MAX TRANSMIT	FREQUENCY REUSE	CHANNEL SCHEDULE ALGORITHM	TIMING PARAMETERS	MIN AND MAX RESOURCE ALLOCATION FOR CLASSES OF SERVICE
% FER	COVERAGE THRESHOLD	POWER PER CHANNEL TECHNOLOGY	FREQUENCY GROUPING (SWITCH TABLE)	PROPAGATION MODEL		
MAX RTT	PROPAGATION MODEL		HOPPING SEQUENCES	TRAFFIC DISTRIBUTION		
	TRAFFIC DISTRIBUTION MAP			ADJACENT CHANNEL INTERFACE THRESHOLD		
	RF COVERAGE PREDICTION MODEL			RF INTERFERENCE PREDICTION MODEL		

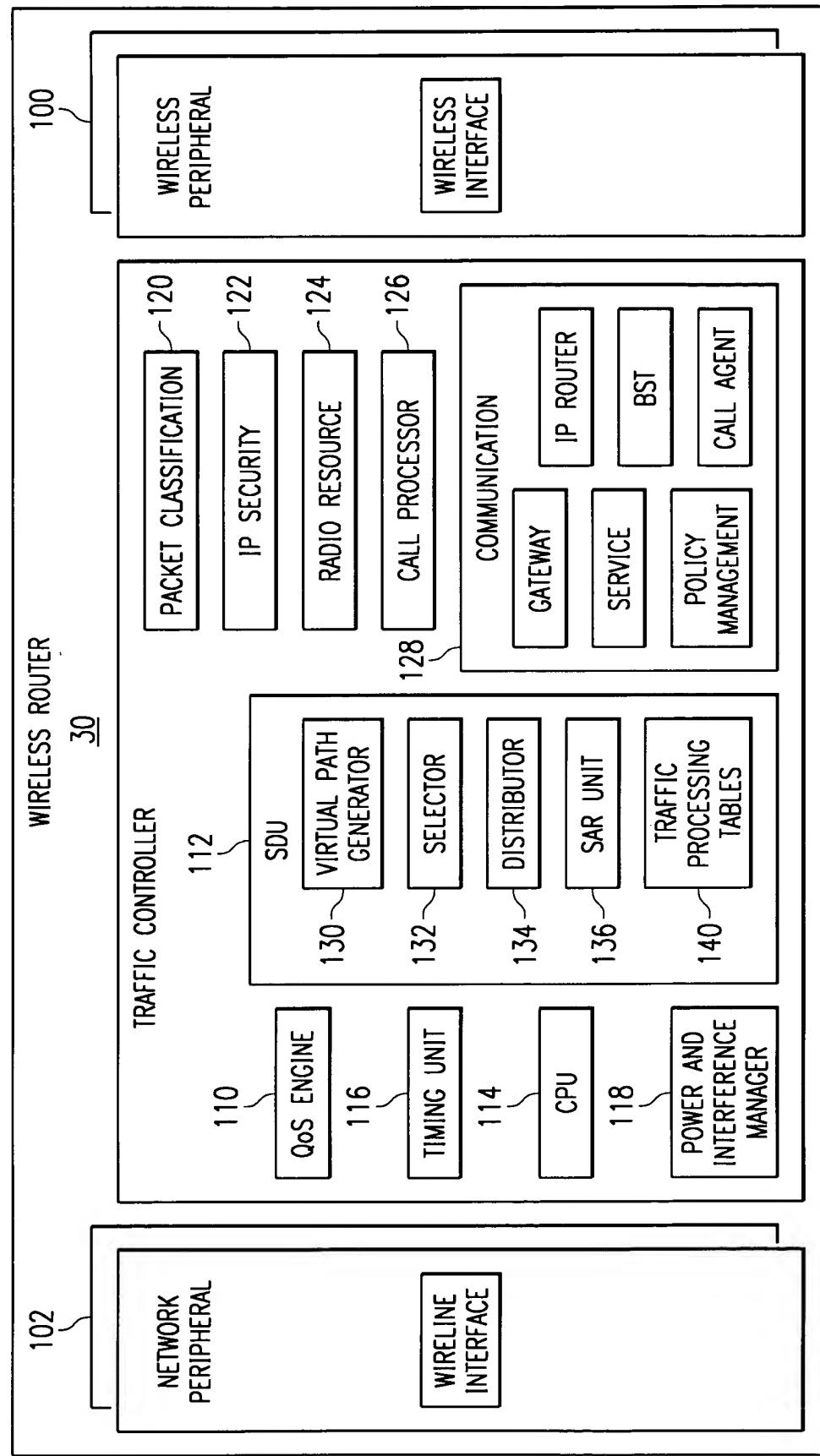


FIG. 4

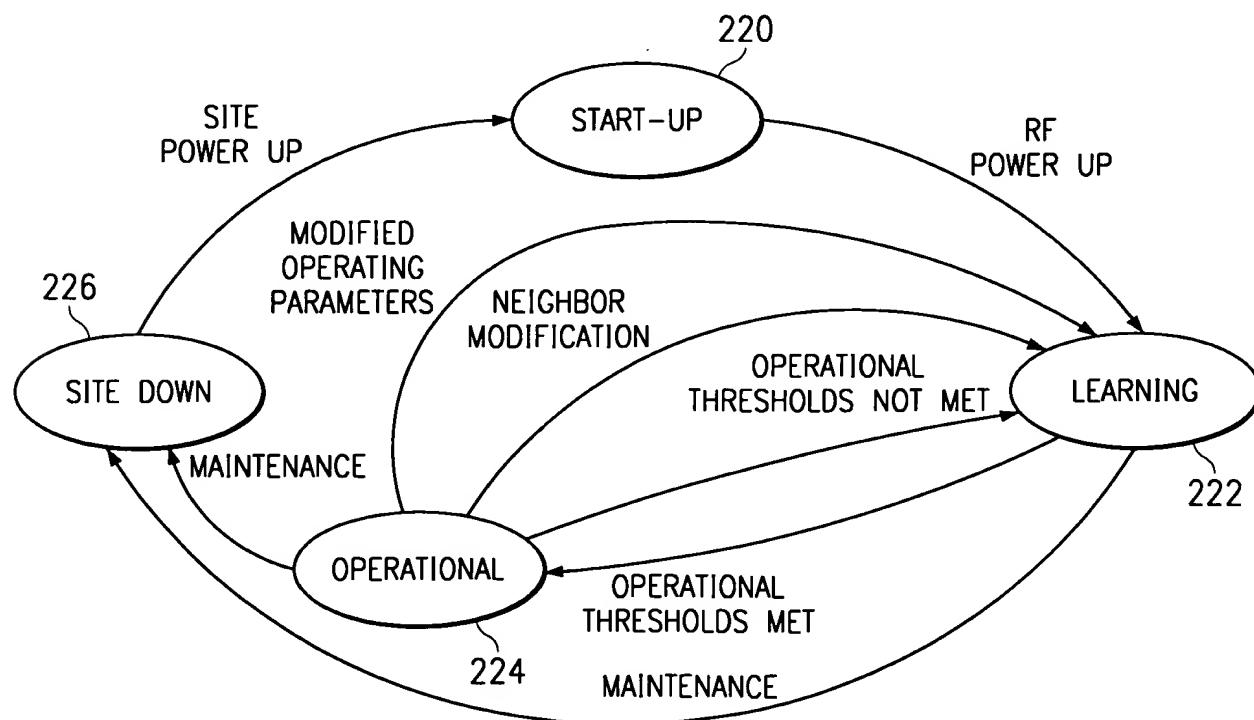
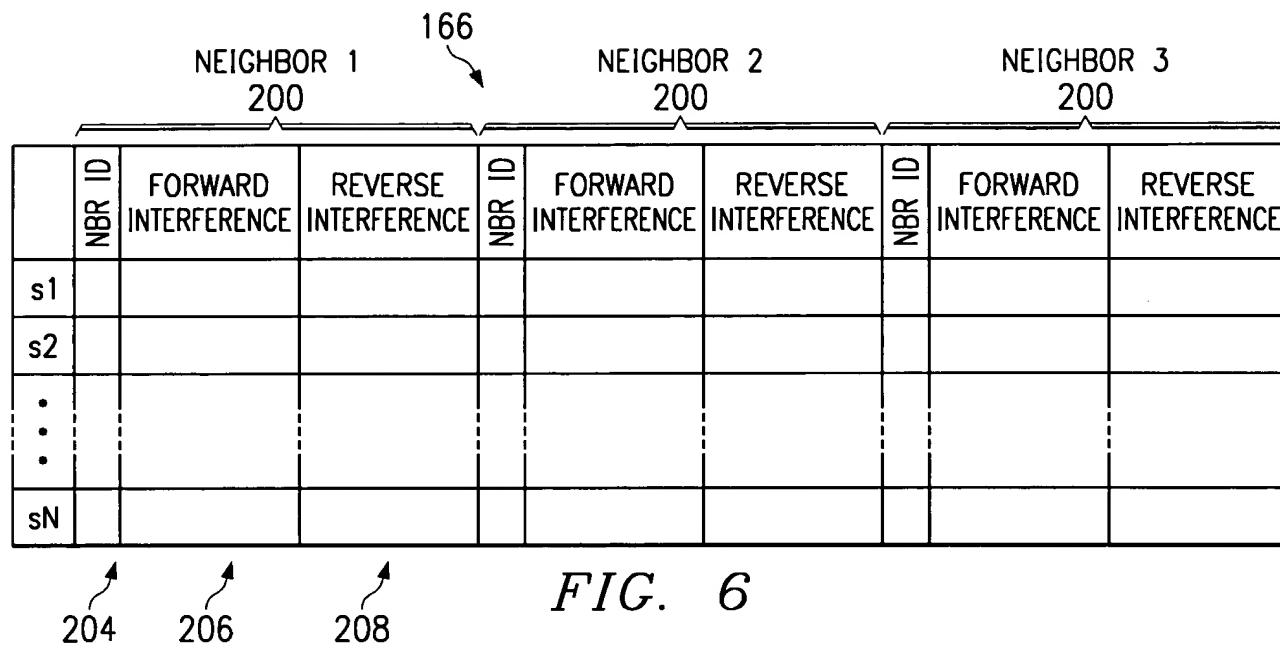


FIG. 7

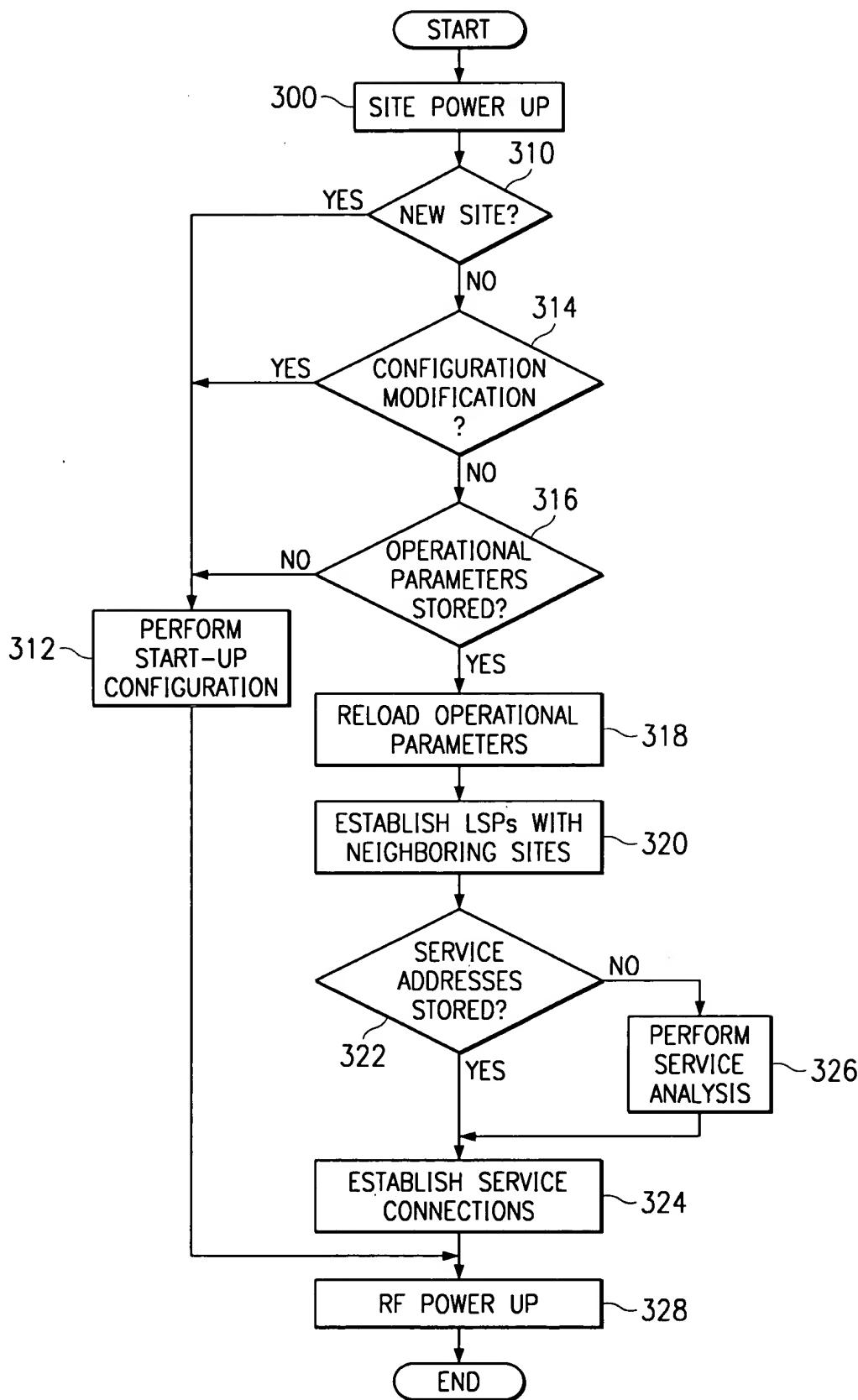
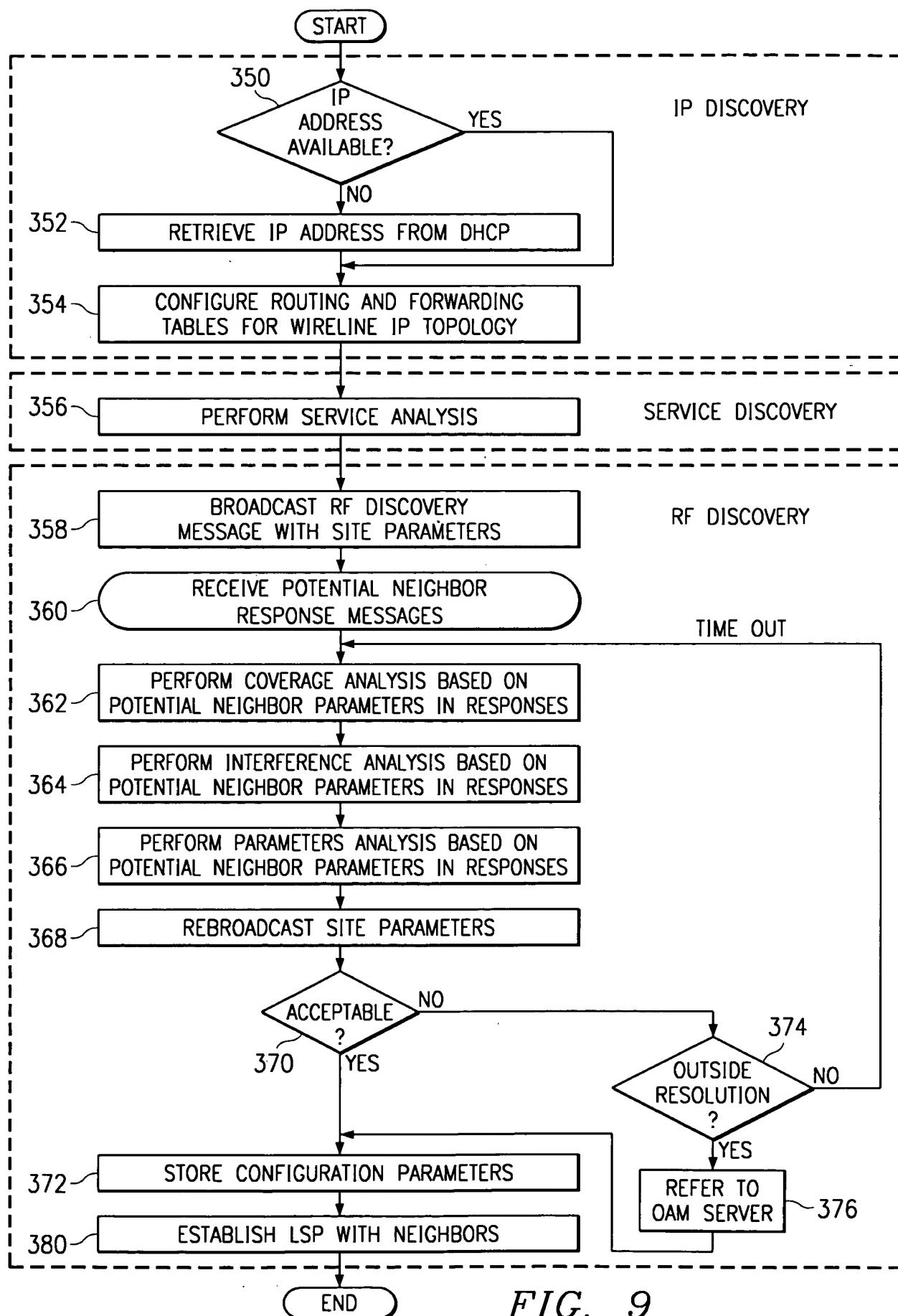
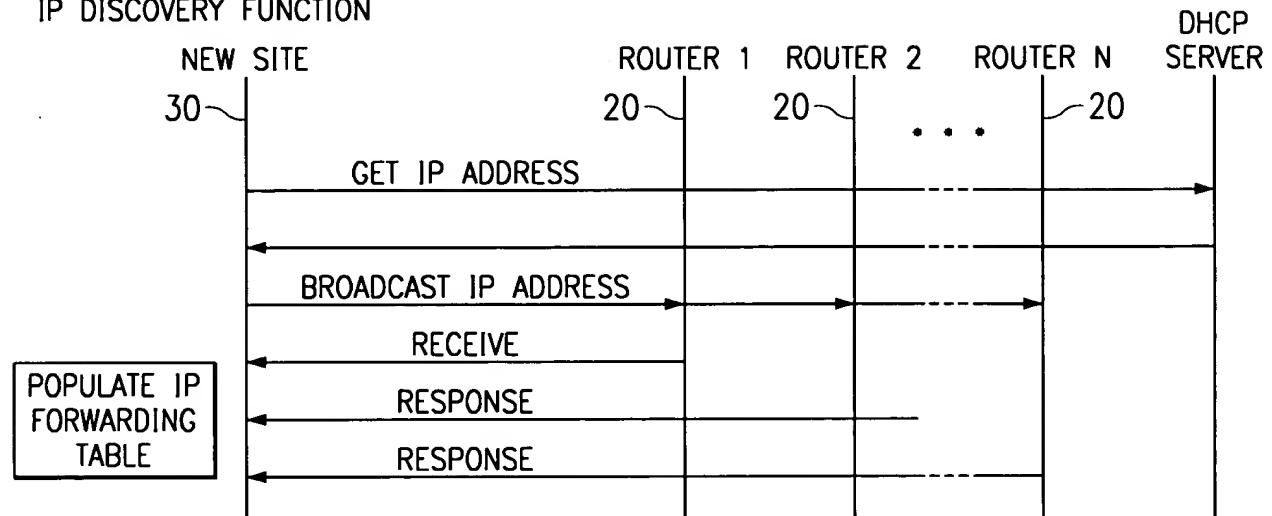


FIG. 8

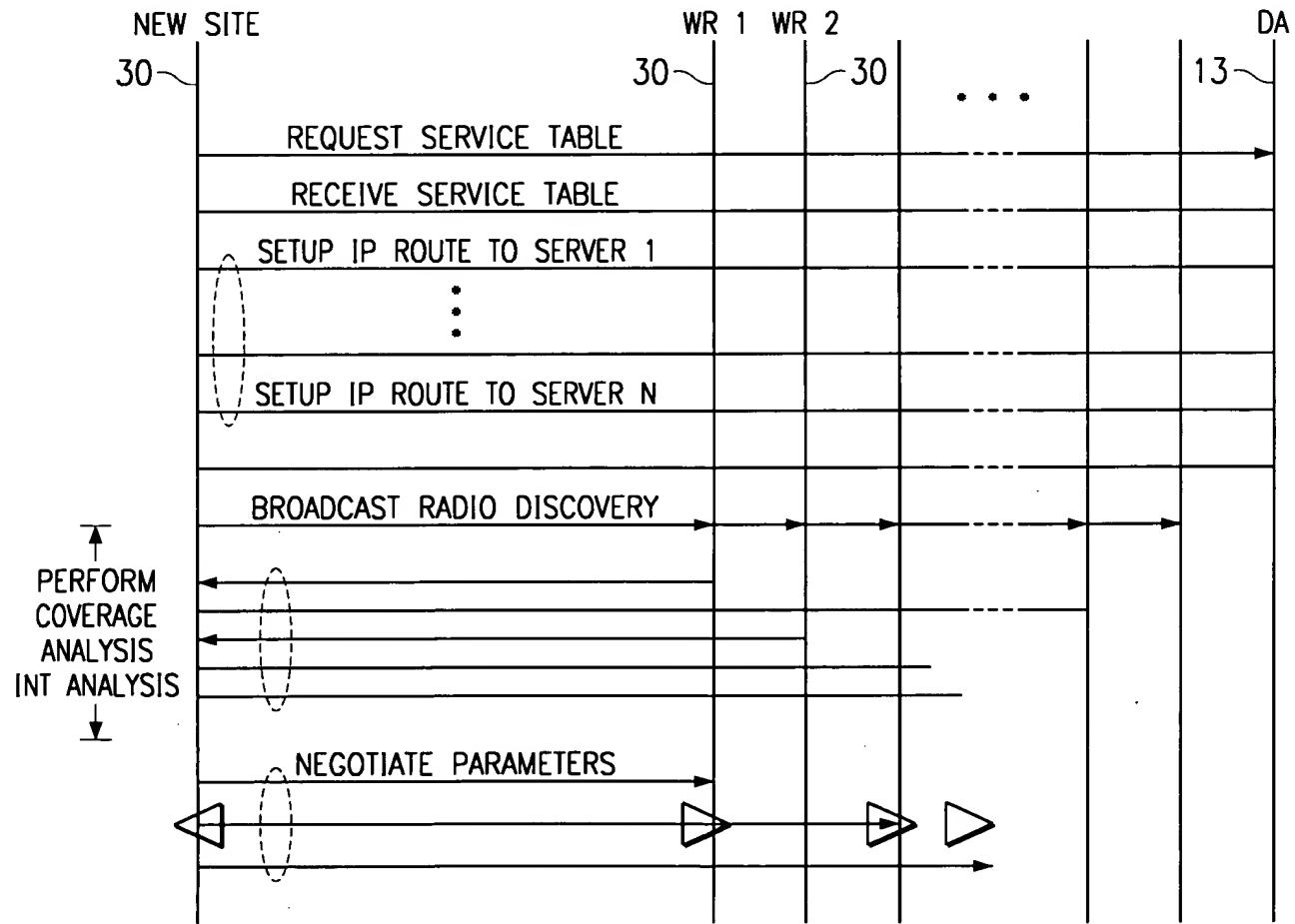


IP DISCOVERY FUNCTION

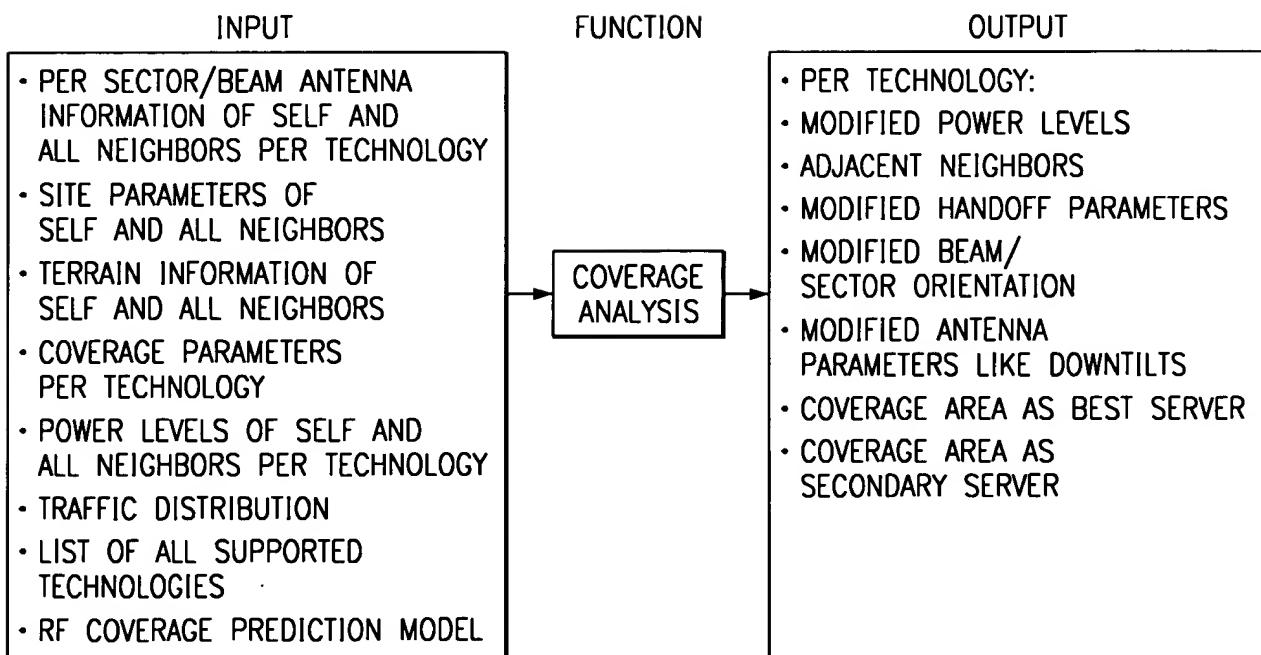
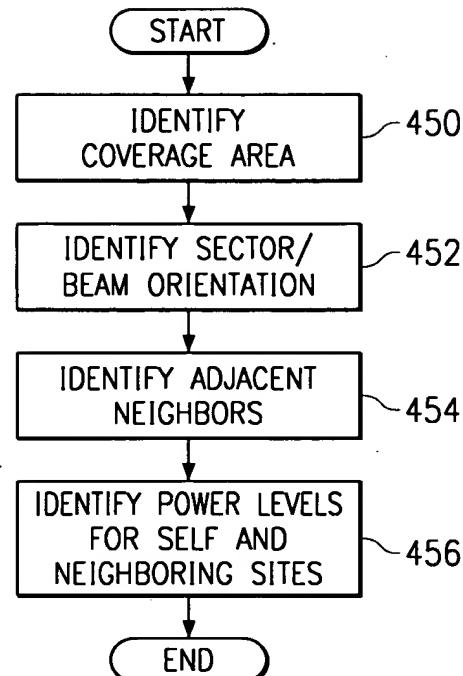
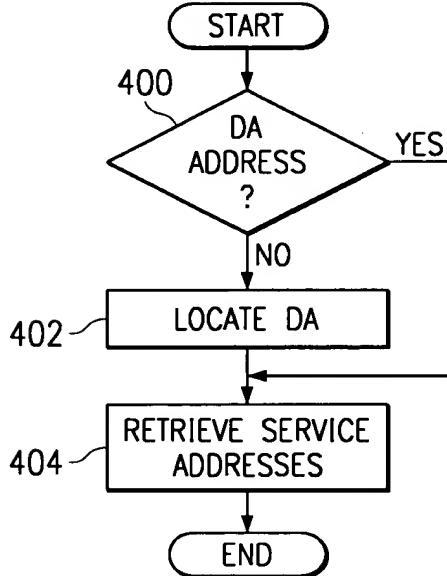


*FIG. 10*

RADIO DISCOVERY FUNCTION



*FIG. 11*



**FIG. 14**

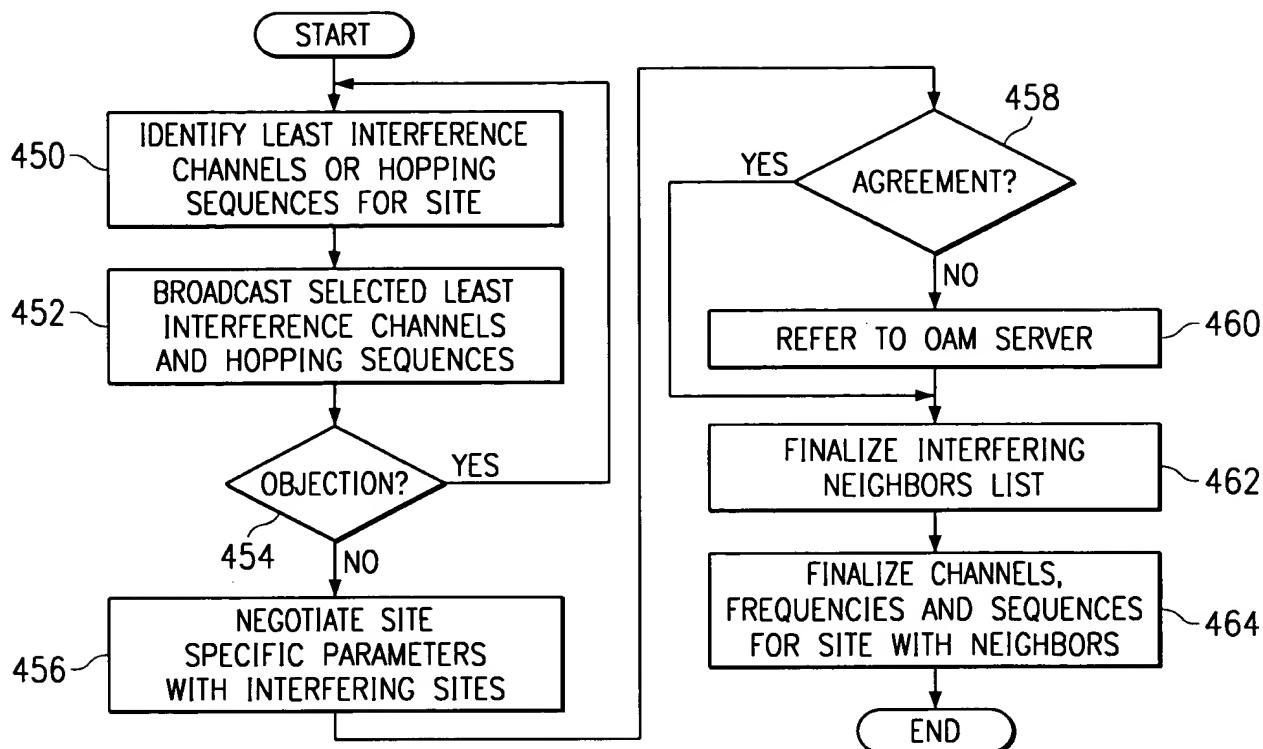


FIG. 15

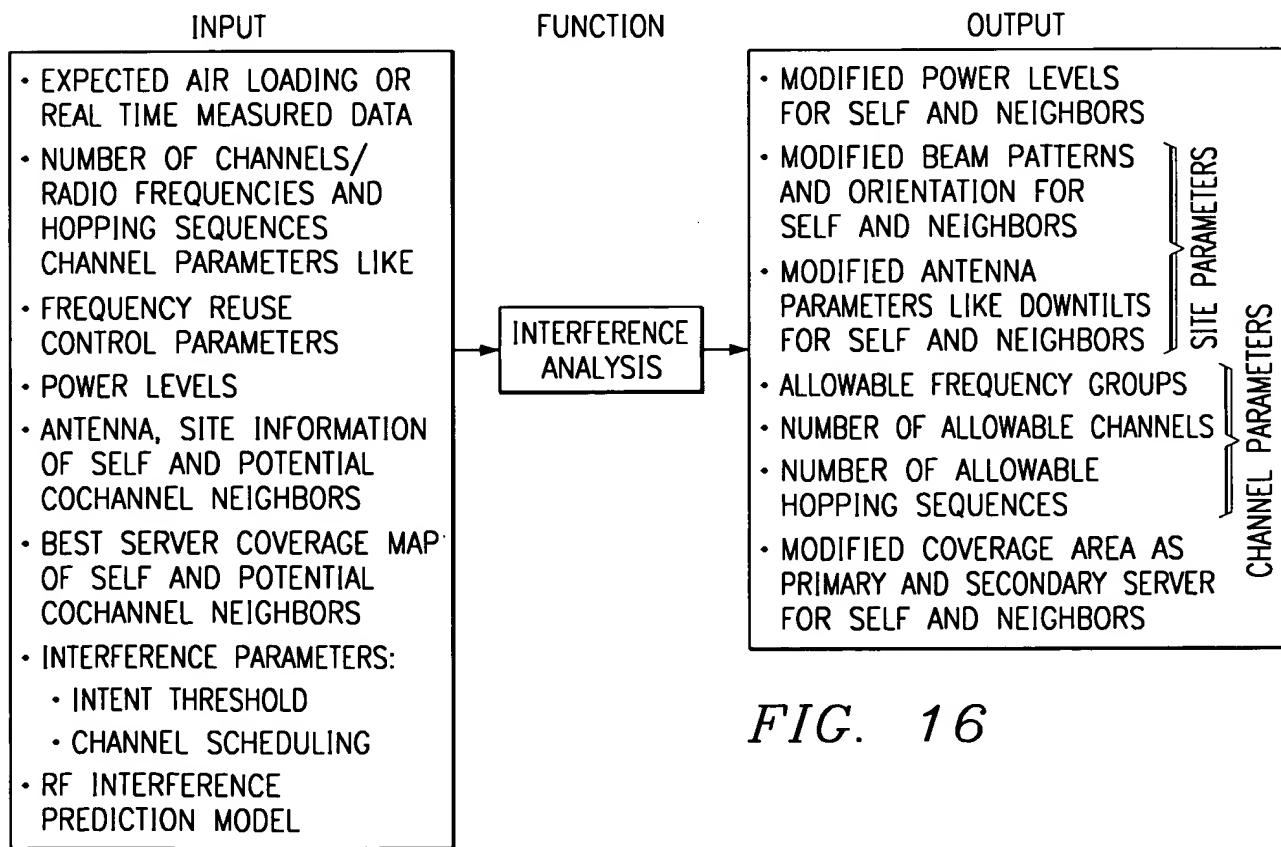
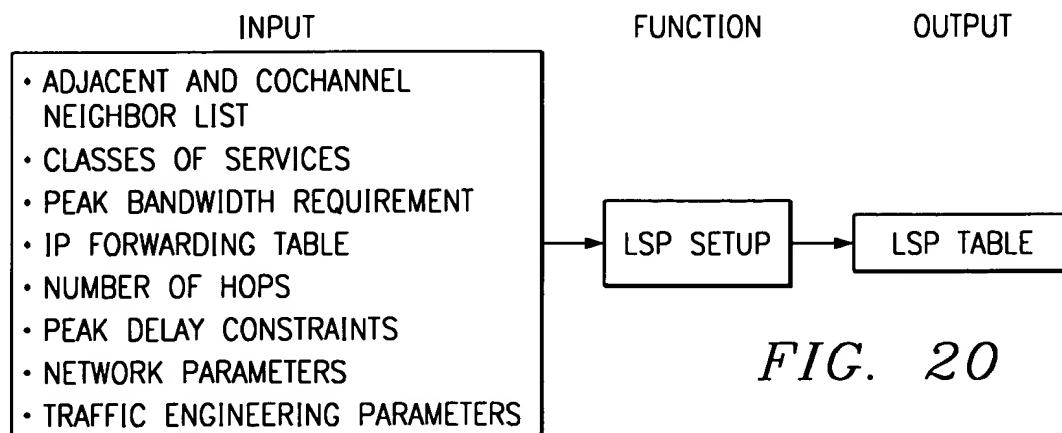
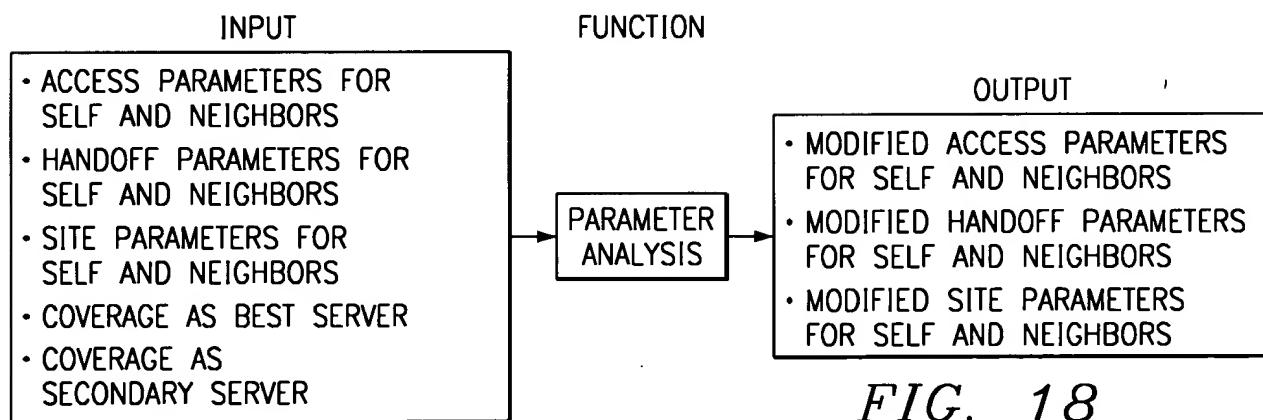
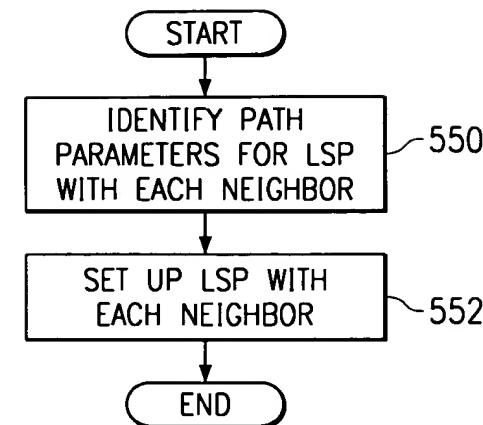
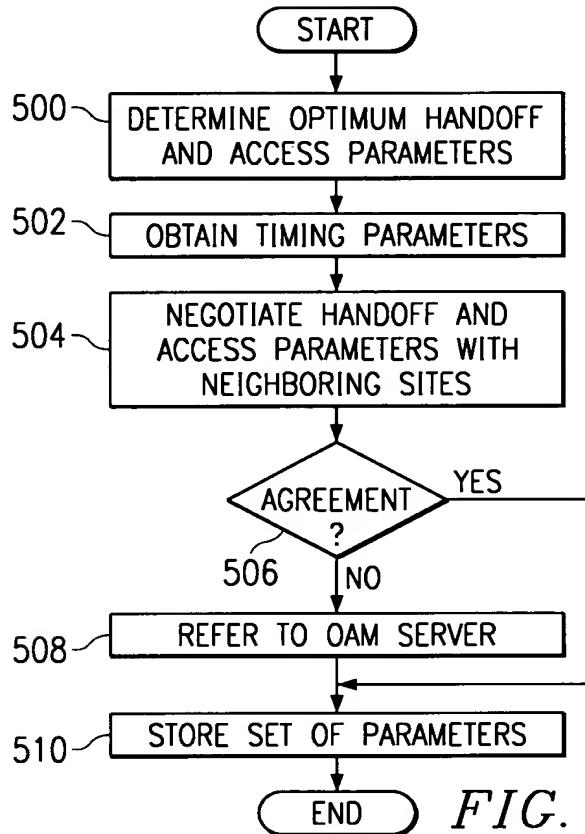


FIG. 16



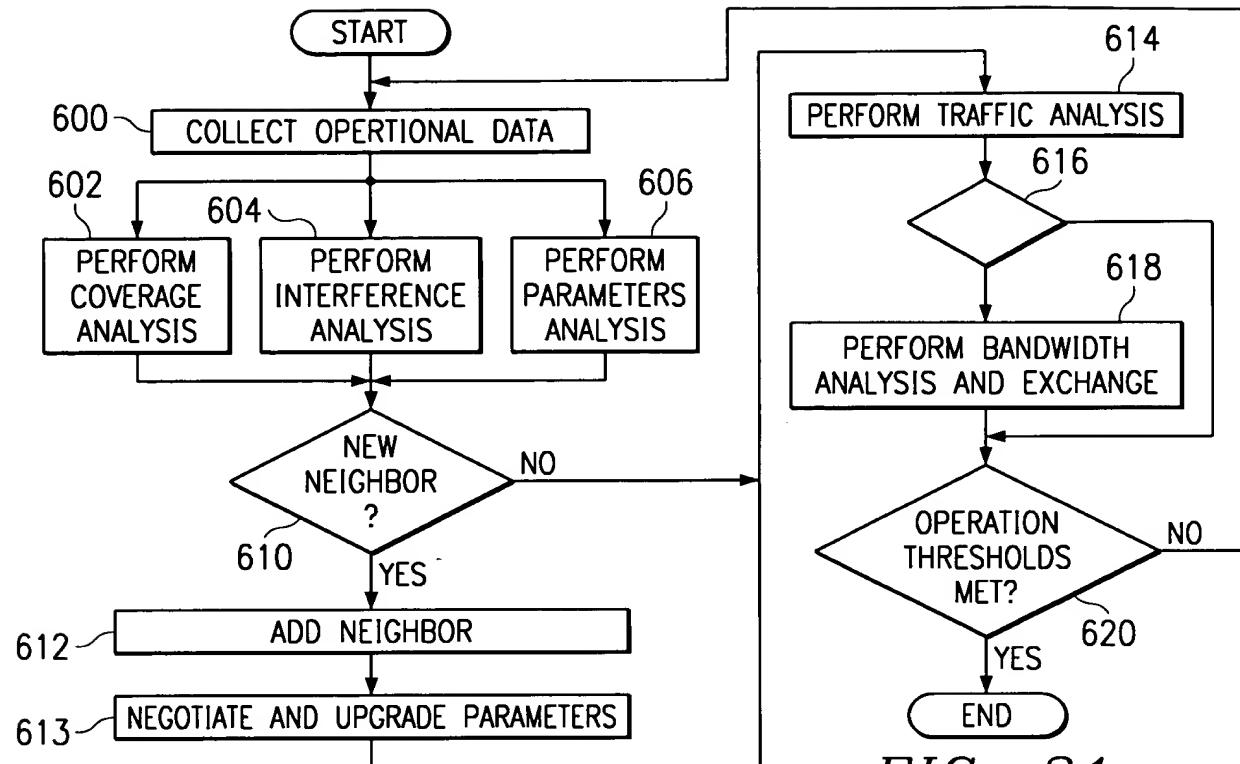


FIG. 21

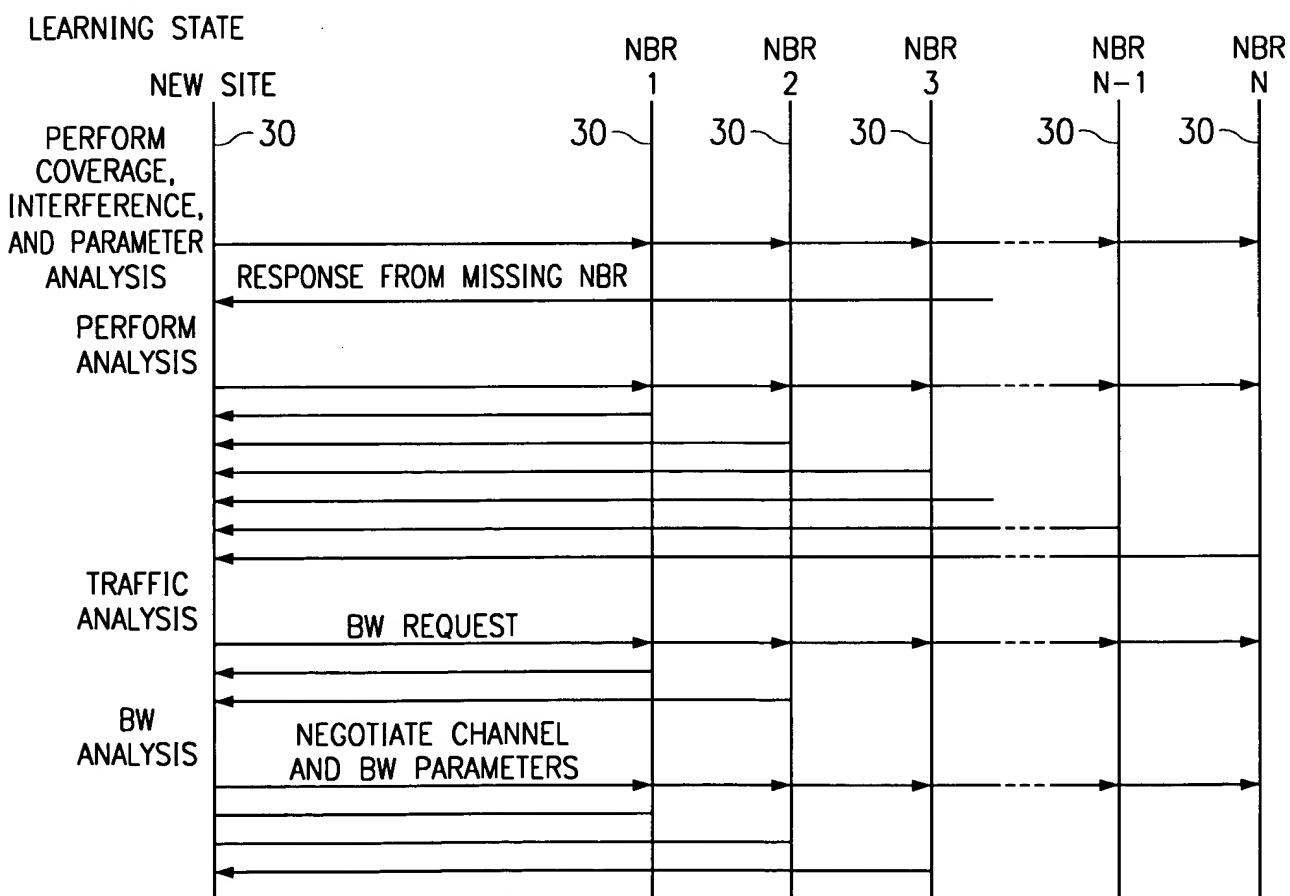


FIG. 22

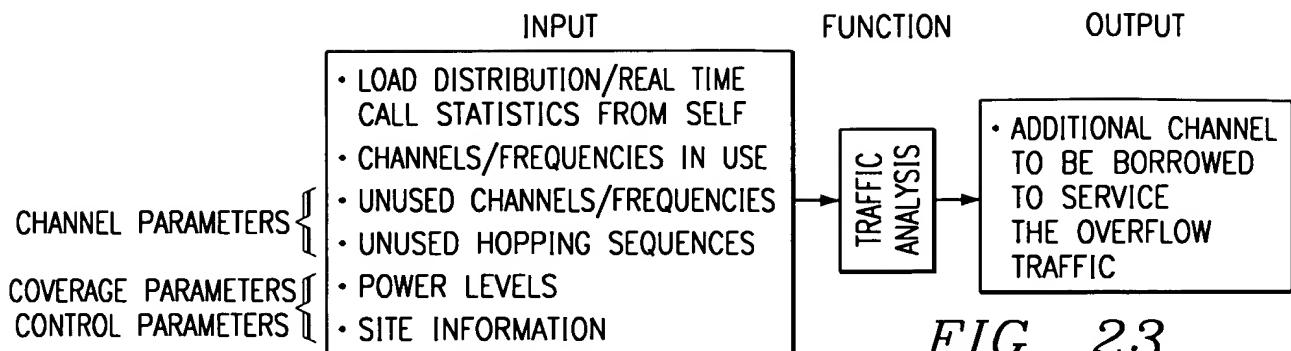


FIG. 23

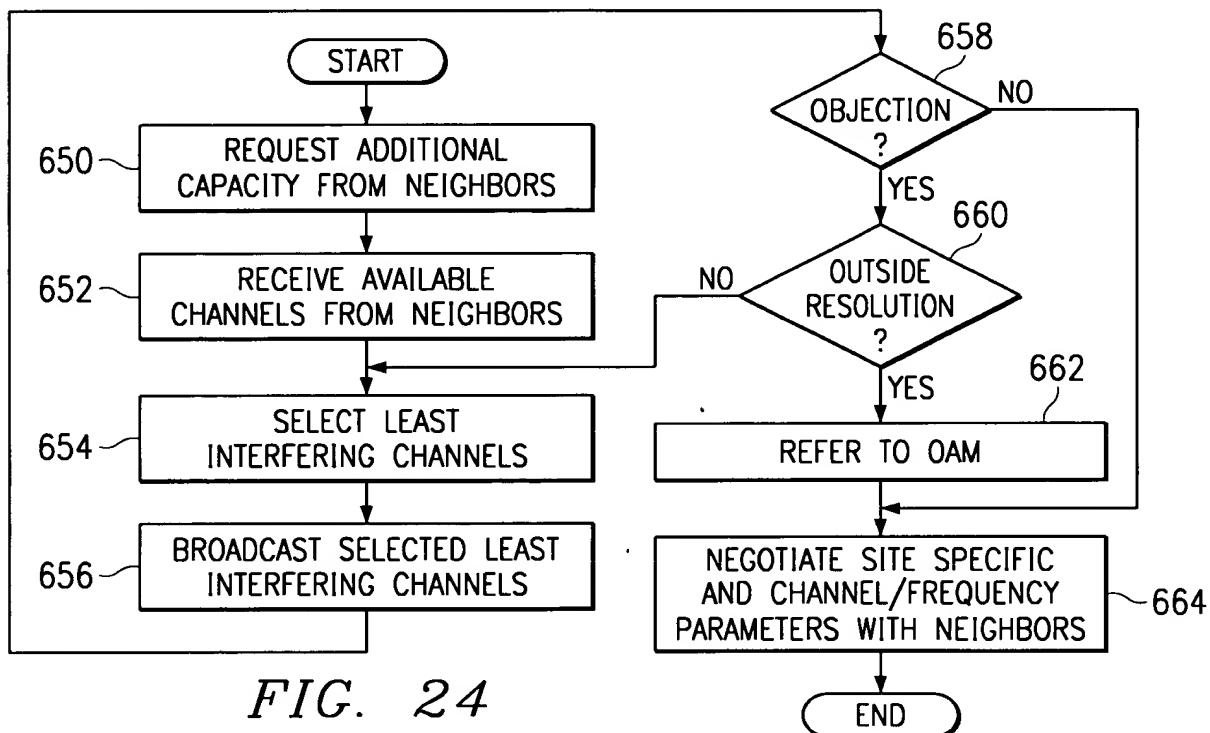


FIG. 24

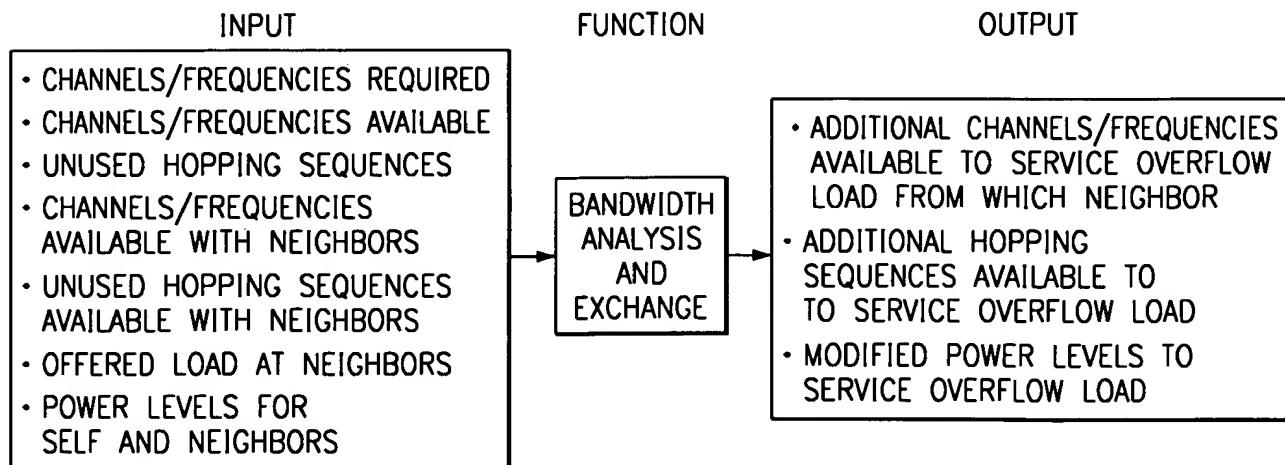


FIG. 25

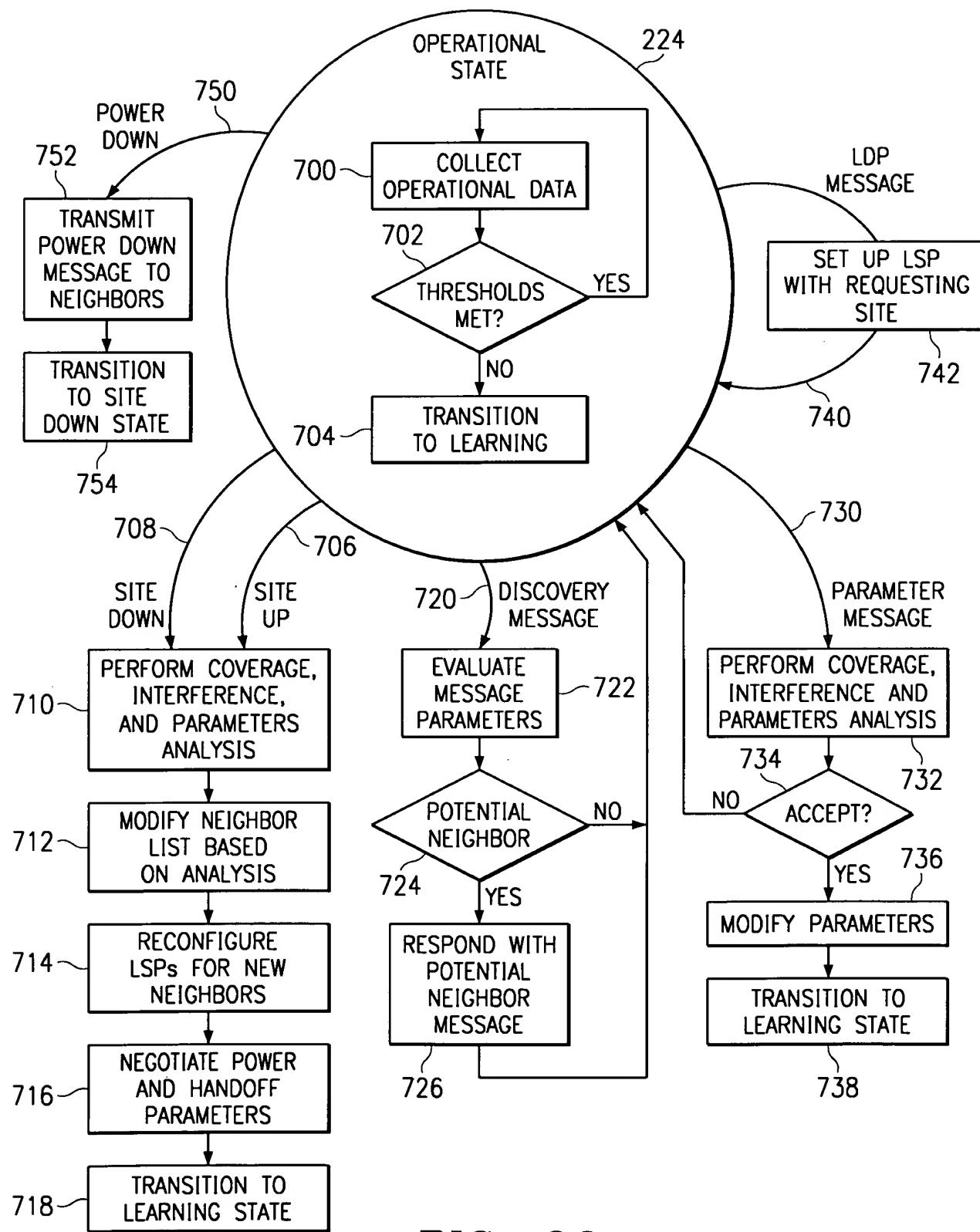


FIG. 26

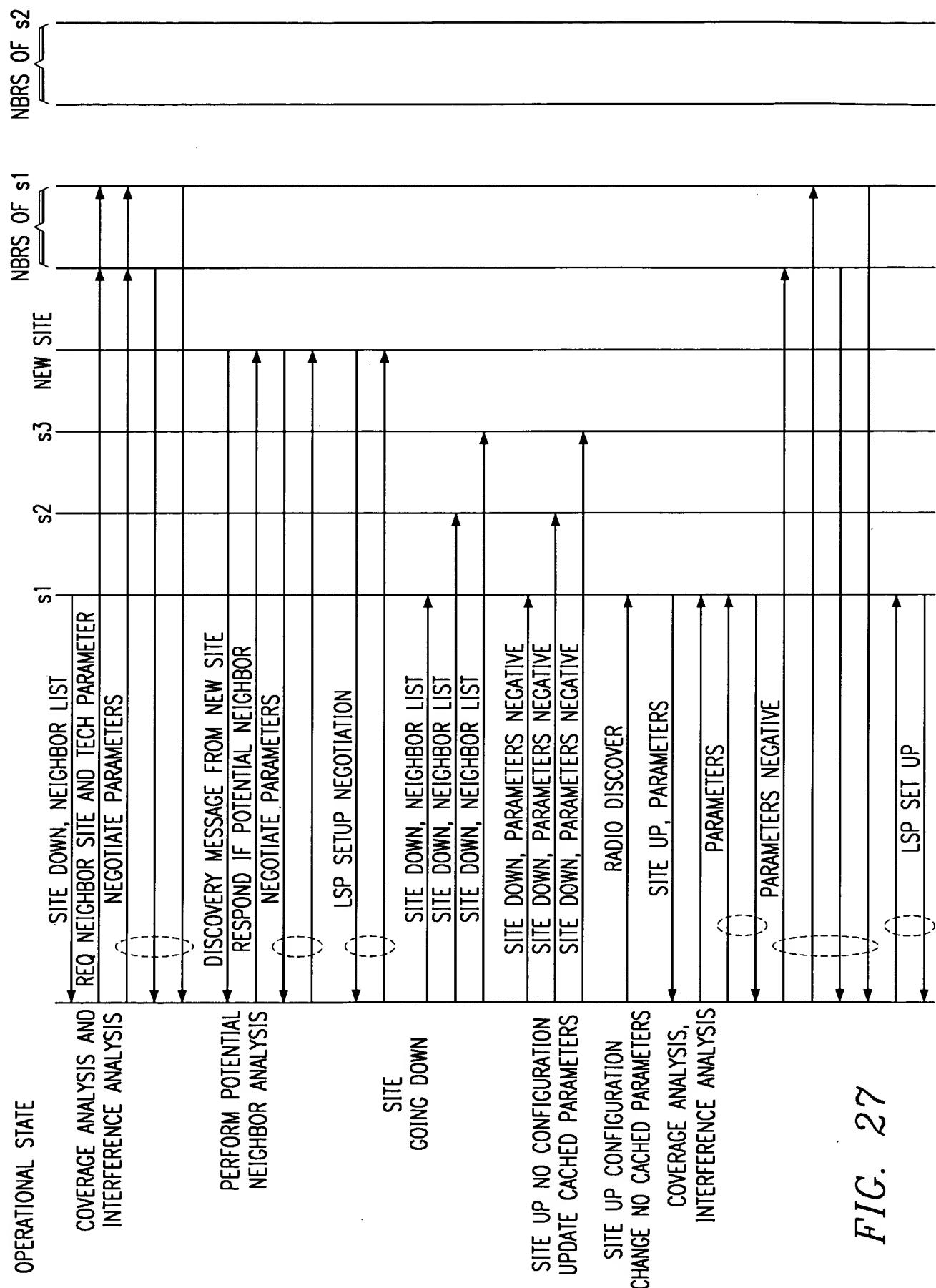


FIG. 27